

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #1
Revision Effective Date: December 29, 2014

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS			
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																			
STATEWIDE - FHWA																							
S1. Enhance	Bikeway Improvements at Various Locations, Statewide																						
	DES							300	240	60				300	240	60					STP FLEXIBLE		
	ROW	51	41	10									50	0	50				50	0	50		
	CON				2,000	1,600	400						500	400	100				500	400	100		
	<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																						
S2. SysPres	Bridge Inspection and Appraisal				3,100	2,480	620	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700		NHPP		
	<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																						
S3. Human	Construction Career Days Workforce Development Program				30	30	0	30	30	0	30	30	0	30	30	0	30	30	0		STP FLEXIBLE		
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																						
S23. SysPres	Highway Program Peer Exchange (HDOT-CFL)				610	488	122														STP FLEXIBLE (New Project)		
	<i>Estimated Total Project Cost - \$500,000 -- To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will developed, in part, in the form of workshops, roundtable discussions and other structured engagements.</i>																						
S4. SysPres	Highway Research and Development Program				850	680	170	850	680	170	850	680	170	850	680	170	850	680	170		STP FLEXIBLE		
	<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program.</i>																						
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program				2,500	2,430	70	700	630	70	700	630	70	700	630	70	700	630	70		HSIP (Increased non- infra budget by \$1.8M using 100% HSIP penalty funds)		
	<i>Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																						
S6. SysPres	Highway Shoreline Protection, Statewide													200	160	40			200	160	40	STP FLEXIBLE	
	DES																						
	CON													2,000	0	2,000							
	<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																						
S7. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations				0	0	0				208	166	42	200	160	40						STP FLEXIBLE (A current state funded contract will initial improvements)	
	DES																						
	CON										0	0	0				1,040	832	208				
	<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																						
S8. Modern	Federal Lands Highway Access Discretionary Program				265	265	0	265	265	0	265	265	0	265	265	0	265	265	0		FED LANDS HWY DISCRETIONARY		
	DES/CON																						
	<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																						
S9. Safety	Safe Routes to School (SRTS) Program																						
	Non-Infrastructure				200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				
	Infrastructure				1,100	1,100	0	1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	0				
	<i>Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																						
S10. Enhance	SNIPP - Statewide Noxious Invasive Pest Program				3,151	2,521	630	3,277	2,622	655												STP FLEXIBLE	
	OPR																						
	<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																						
S11. Safety	Statewide Highway Lighting and Traffic Signal Upgrade Program				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	CON																						
	DES-CON				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																						
S12. SysPres	Statewide Signing, Striping and Pavement Marking Program				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	CON																						
	DES-CON				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																						
S13. SysPres	Statewide Guardrail and Shoulder Improvement Program				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	CON																						
	DES-CON				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																						
S14. SysPres	Structural Countermeasures for Scour Critical Bridges						3,000			3,000			3,000		3,000							LOCAL	
	CON																						
	<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																						
S15. Modern	Technology Transfer and Technical Assistance Program				150	120	30	150	120	30	150	120	30	150	120	30	150	120	30			STP FLEXIBLE	
	PLN																						
	<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																						
S16. Modern	Traffic Counting Stations, Various Locations						3,700		2,960	740												STP FLEXIBLE	
	CON																						
	<i>Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.</i>																						
STATEWIDE - FHWA TOTAL					42,007	10,355	31,652	48,572	12,887	35,685	37,403	6,331	31,072	40,945	6,745	34,200	39,585	6,347	33,238	37,245	5,885	31,360	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
STATEWIDE - FTA																				
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
<i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN	234	117	117	242	121	121	250	125	125	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480		2,480		2,800		2,800		2,800		2,800		2,800		2,800			
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0			
STP ENHANCEMENT			0		0		0		0		0		0		0		0			
STP FLEXIBLE			3,880		8,012		1,236		1,550		1,902		1,902		2,190		2,190			
SECTION 1404 - (Safe Routes to School)			1,300		1,500		1,400		1,500		750		750		0		0			
HSIP (Highway Safety Improvement Program)			2,430		630		630		630		630		630		630		630			
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0		0		0			
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0			
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0			
EQUITY BONUS			0		0		0		0		0		0		0		0			
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0			
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0		0			
EARMARK - SECTION 112			0		0		0		0		0		0		0		0			
EARMARK - SECTION 115			0		0		0		0		0		0		0		0			
EARMARK - SECTION 117			0		0		0		0		0		0		0		0			
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265		265		265			
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0		0			
DISCRETIONARY			0		0		0		0		0		0		0		0			
H-3 DISCRETIONARY			0		0		0		0		0		0		0		0			
IMD (NHPP Discretionary)			0		0		0		0		0		0		0		0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0			
SUBTOTAL			10,355		12,887		6,331		6,745		6,347		5,885							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)		(265)		(265)		(265)		(265)		(265)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY		TOTAL	10,090		12,622		6,066		6,480		6,082		5,620							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OAHU : STATE - FHWA																				
OS1. Bridge and Pavement Improvement Program, Oahu	CON	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
<i>Estimated Total Project Cost - \$237,800,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW							585	468	117										NHPP
SysPres Ulehawa Stream Bridge	CON													8,405	6,724	1,681				
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
SysPres Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW	1,100	880	220																NHPP
SysPres Makaha Bridges #3 & #3A	CON	0	0	0				17,200	4,060	13,140										106 and 4(f) will delay CatEx until May 2015. ROW will take 2 years to complete.
	ADVCON				0	0	0				0	9,700	(9,700)							
<i>Estimated Total Project Cost - \$20,200,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.</i>																				
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)																NHPP
	CON	5,000	4,000	1,000																Refined phasing and schedule
Phase 2A -- Part 1 1C Part 3 Phase 2A	CON							10,000	4,000	6,000										
	ADVCON										0	4,000	(4,000)							
Phase 2B -- System Manager	DES	0	0	0	2,020	1,616	404													
	CON				0	0	0													
	ADVCON										0	0	0							
Phase 3	DES	0	0	0	2,040	1,632	408													
	CON													10,000	4,000	6,000				
	ADVCON															0	4,000	(4,000)		
<i>Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																				
OS9. Freeway Service Patrol	CON	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.</i>																				
OS10. Guardrail and Shoulder Improvements, Various Locations	CON	2,185	1,748	437																HSIP
Phase 1	DES	250	200	50																
	CON							3,060	2,448	612										
Phase 3	DES										250	200	50							
	CON													3,000	2,400	600				
<i>Estimated Total Project Cost - \$6,600,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																				
OS11. ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
<i>Estimated Total Project Cost - \$1,700,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																				
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase II	CON				2,704	2,434	270													NHPP
Phase III	DES				554	499	55													
	CON													6,000	5,400	600				
<i>Estimated Total Project Cost - \$12,700,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																				
OS13. Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	ROW	25	20	5																NHPP
	CON				5,400	320	5,080													(add ROW phase)
	ADVCON							0	4,000	(4,000)										
<i>Estimated Total Project Cost - \$6,200,000 -- Rehabilitate existing bridge.</i>																				
OS14. Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainaloa Avenue	CON				6,370	1,233	5,137													NHPP
	ADVCON							0	4,500	(4,500)										
<i>Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516) <i>Safety</i>	CON				5,520	4,416	1,104												NHPP	
<i>Estimated Total Project Cost - \$5,900,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS16. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00 <i>SysPres</i>	CON				7,140	712	6,428												NHPP	
	ADVCON							0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																				
OS17. Interstate Route H-1, Kapolei Interchange Complex Phase 2 <i>Modern</i>	CON	4,800	4,300	500															INTERSTATE DISCRETIONARY	
	CON	52,200	29,980	22,220															NHPP	
	ADVCON				0	17,000	(17,000)	0	0	0									NHPP	
	DES				571	457	114												NHPP	
Phase 3	ROW										238	190	48						NHPP	
<i>Estimated Total Project Cost - \$90,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.</i>																				
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 <i>SysPres</i>	CON												0	0	0	25,200	8,000	17,200	NHPP	
	ADVCON															0	0	0	(defer and inflate. Some scope being covering in ongoing PM Zipperlane project)	
<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																				
OS19. Interstate Route H-1, PM Contraflow, Westbound Waiawa IC Improvements (four WB through lanes), Phase I <i>Modern</i>	CON															19,000	17,100	1,900	NHPP	
<i>Estimated Total Project Cost - \$167,000,000 -- This is part of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikela.</i>																				
OS20. Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palailai IC) to Waiawa Overpass <i>Safety</i>	CON				0	0	0	4,080	3,264	816									HSP (no DES contract yet, defer and inflate)	
<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
OS21. Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements <i>Modern</i>	DES												3,642	2,913	729				NHPP	
<i>Estimated Total Project Cost - \$23,600,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																				
OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3 <i>SysPres</i>	DES				1,080	864	216												NHPP	
	CON												6,240	4,992	1,248					
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS23. Kalaniana'ole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park <i>Enhance</i>	CON				250	200	50												EARMARK-HIGH PRIORITY	
	CON				2,500	2,000	500												STP ENHANCEMENT	
<i>Estimated total project cost - \$3,200,000 -- Improve bike route on Kalaniana'ole Highway, from Waimanalo Beach Park To Kainoa Beach Park.</i>																				
OS24. Kalaniana'ole Highway (Route 72), Bridge Replacement Inoale Stream Bridge, Waimanalo <i>SysPres</i>	CON				9,550	1,140	8,410												NHPP	
	ADVCON							0	6,500	(6,500)										
<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																				
OS25. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street <i>Safety</i>	CON	11,000	8,800	2,200															NHPP (electrical plan redesigned causing delay. CON to obligate early 2015)	
<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS26. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park <i>Safety</i>																			NHPP (Add design funds for phase 3. Phase 2 and Phase 3 DES will be combined) (construction still to be phased)	
	Phase 2 - Poalima Street to Aloiloi Street	DES	2,200	1,760	440															
	Phase 3 - Aloiloi Street to Waimanalo Beach Park (Huli Street)	DES	1,600	1,280	320															
<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street Waimanalo Beach Park (Huli Street). Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS53. Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge <i>SysPres</i>	DES	1,300	1,040	260															NHPP (New Project) (DES was not obligated in 2014) (need ROW phase in 2015)	
	ROW	165	132	33																
<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge</i>																				
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge <i>SysPres</i>	ROW	275	220	55															NHPP	
	CON							6,000	800	5,200										
ADVCON										0	4,000	(4,000)								
<i>Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS28. Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge <i>SysPres</i>	CON				16,580	3,264	13,316												NHPP	
	ADVCON							0	10,000	(10,000)										
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																				
OS29. Kamehameha Highway (Route 83), Bridge Replacement Kaluanui Stream Bridge <i>SysPres</i>	ROW	0	0	0				650	520	130									NHPP (no ROE yet, anticipate 106 issues) (defer and inflate ROW acquisition)	
	CON												9,200	2,360	6,840					
	ADVCON															0	5,000	(5,000)		
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OS30. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge <i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>	ROW	75	60	15															NHPP (add DES & ROW funds)	
	DES	1,100	880	220																
	CON				9,735	7,788	1,947													
OS54. Kamehameha Highway (Route 83), Bridge Rehabilitation SysPres Kipapa (Roosevelt) Stream Bridge <i>Estimated Total Project Cost - \$19,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>	DES	1,800	1,440	360															NHPP (New Project) (DES was no obligated in 2014) (need ROW phase in 2015)	
	ROW	25	20	5																
	CON																			
OS31. Kamehameha Highway (Route 83), Bridge Replacement SysPres Laieloa Stream Bridge <i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>	ROW				200	160	40												NHPP (CatEX not complete, 106 outstanding) (can't complete ROW w/o CatEx) (defer and inflate. Add ROW deferred from 2014)	
	CON				0	0	0	9,360	988	8,372										
	ADVCON							0	0	0	0	6,500	(6,500)							
OS32. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge <i>Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.</i>	ROW	0	0	0	1,000	800	200												NHPP (ROW maps will not be ready in time to obligate ROW acquisition in 2015) (defer and inflate) (adjust AC reimbursement to maintain financial constraint)	
	CON							26,000	1,800	24,200										
	ADVCON										0	9,000	(9,000)	0	10,000	(10,000)				
OS33. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge <i>Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>	PREROW	104	82	22							18,000	5,400	12,600						NHPP EARMARK-HIGH PRIORITY	
	ROW				1,148	918	230													
	CON													0	9,000	(9,000)				
OS34. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge <i>Estimated Total Project Cost - \$13,300,000 - replace the existing bridge</i>	PREROW				110	88	22												NHPP	
	ROW							562	450	112										
	CON										11,708	4,366	7,342							
OS35. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge <i>Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	ROW				265	212	53												NHPP (Add ROW deferred from 2014. no ROW maps)	
	CON													8,925	2,140	6,785				
	ADVCON													0	5,000	(5,000)				
OS36. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipilopil Stream Bridge <i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>	ROW	260	208	52															NHPP (Add ROW deferred from 2014. no ROW maps)	
	CON				8,900	7,120	1,780													
	ADVCON																			
OS37. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Sunset Beach <i>Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	ROW	0	0	0				490	392	98									NHPP (no DES contract yet) (defer and inflate ROW)	
	CON										10,080	8,064	2,016							
	CON													8,000	6,400	1,600				
OS55. Kamehameha Highway (Route 83) Safety Improvements Safety Kahana Valley Road to Kaaawa Bridge <i>Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON	1,600	1,280	320															HSIP (re-include. Not obligated in 2014 due to bridge endrail upgrade and waterline scope creep)	
	CON																			
	CON																			
OS51. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road <i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON	1,600	1,280	320															HSIP	
	CON																			
	CON																			
OS38. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Hauula (#14) <i>Estimated Total Project Cost - \$6,600,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>	CON													5,700	4,560	1,140			NHPP	
	CON																			
	CON				0	0	0	10,400	8,320	2,080									NHPP (due to scope change, env clearance has been delayed.) (defer and inflate CON)	
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Kaaawa (#10) <i>Estimated Total Project Cost - \$11,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>	CON																			
	CON										7,350	880	6,470						NHPP	
	ADVCON													0	5,000	(5,000)				
OS41. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond <i>Estimated Total Project Cost - \$7,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>	CON										6,500	1,200	5,300						NHPP	
	CON													0	4,000	(4,000)				
	ADVCON																			
OS42. Kualakai Parkway (Route 8930) Extension Modern <i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>	CON							17,700	160	17,540									STP FLEXIBLE (redistribute AC funds to maintain financial constraint)	
	CON													0	10,000	(10,000)				
	ADVCON										0	4,000	(4,000)							
<i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OS43. Leeward Bikeway Enhance Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON				9,000	7,200	1,800												STP ENHANCEMENT (reinclude Phase 1 - Not obligated in 2014 due to AIS required by Sec. 106)	
Phase II - Hawaiian Railway Society Train Station to Luualalei Naval Road	PREROW				106	84	22													
	ROW									3,000	2,400	600								
	CON															3,900	3,120	780		
<i>Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Luualalei Naval Road.</i>																				
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2 Safety Guardrail and Shoulder Improvements	CON				6,120	4,896	1,224												NHPP (redistribute AC funds to maintain financial constraint)	
	ADVCON							0	0	0										
<i>Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON	0	0	0	6,120	5,508	612												NHPP (no DES contract yet, anticipated 1/15) (defer and inflate CON)_	
<i>Estimated Total Project Cost - \$6,300,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																				
OS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON				2,435	1,948	487												NHPP	
<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																				
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Interchange, Ramp "A"	CON							4,030	224	3,806									NHPP	
	ADVCON										0	3,000	(3,000)							
<i>Estimated Total Project Cost - \$4,500,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS48. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Separation	CON							6,580	0	6,580									NHPP	
	ADVCON										0	5,264	(5,264)							
<i>Estimated Total Project Cost - \$7,200,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS49. Recreational Trails Program - Oahu Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
OS52. Sand Island Access Road (Route 64), Truck Weigh Station Safety Kapalama Container Terminal	DES	132	104	28															NHPP	
	ROW	128	101	27																
	CON							5,000	4,000	1,000										
<i>Estimated Total Project Cost - \$6,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																				
OAHU : STATE - FHWA TOTAL		142,968	73,307	69,661	147,962	84,201	63,761	162,241	65,586	96,655	97,670	71,856	25,814	92,956	75,221	17,735	118,644	69,912	48,732	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OAHU : STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled Human	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
	OPR	620	310	310	640	320	320	660	330	330	680	340	340	702	351	351	724	362	362	
<i>Estimated Total Project Cost - \$7,156,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either the purchase of buses or operating expenses for the program audience.</i>																				
OAHU : STATE - FTA TOTAL		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Alapai Transportation Management Center Safety	DES	1	0	1	1	0	1	10	0	10										STP FLEXIBLE
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25										Revise cost estimate
	ADVCON	0	11,714	(11,714)	0	10,535	(10,535)													Reformatted to reflect Advance
	EQP	1	0	1	1,700	0	1,700	200	0	200										Construction reimbursement
<i>Estimated Total Project Cost - \$95,102,000 \$96,013,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.</i>																				
OC2. Bikeway Improvements Program Enhance	Hamakua Drive (RTE 6010)																			
	CON	0	0	0	663	530	133													STP FLEXIBLE
	INSP	0	0	0	153	122	31													Defer & inflate project to FFY 2016
	Pearl Harbor Bike Path																			
	CON				0	0	0	1,734	1,387	347										Revise cost estimate
	INSP				0	0	0	306	245	61										
	TBD - CON 2017																			
	DES				0	0	0	255	204	51										
	CON							0	0	0	2,397	1,877	520							
	INSP							0	0	0	153	122	31							
	TBD - CON 2018																			
	ROW							0	0	0	1	0	1							
	PLN							0	0	0	102	0	102							
	DES							0	0	0	306	0	306							
	CON							0	0	0	2,397	1,877	520							
	EQP							0	0	0	153	122	31							
	TBD - CON 2019																			
	ROW							0	0	0	1	0	1							
	PLN							0	0	0	102	0	102							
	DES							0	0	0	306	0	306							
CON							0	0	0	2,397	1,877	520								
EQP							0	0	0	153	122	31								
TBD - CON 2020																				
ROW							0	0	0	1	0	1								
PLN							0	0	0	102	0	102								
DES							0	0	0	306	0	306								
CON							0	0	0	2,397	1,877	520								
EQP							0	0	0	153	122	31								
TBD - CON 2024																				
ROW							0	0	0	1	0	1								
PLN							0	0	0	102	0	102								
DES							0	0	0	306	0	306								
CON							0	0	0	2,397	1,877	520								
EQP							0	0	0	153	122	31								
<i>Estimated Total Project Cost - \$14,094,000 \$11,988,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																				
OC3. Bridge Inspection and Appraisal SysPres	DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System Congest																				
Phase 14 - Mililani Town																				
DES							350	280	70											STP FLEXIBLE
CON										4,000	3,200	800								
EQP										1	0	1								
Phase 15 - Wahiawa																				
DES										350	280	70								
CON										4,000	3,200	800								
EQP										1	0	1								
Phase 16 - Nanakuli/Waianae																				
DES										350	280	70								
CON										4,000	3,200	800								
EQP										1	0	1								
Phase 17 - TBD																				
DES										350	280	70								
<i>Estimated Total Project Cost - \$13,403,000 -- Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																		
OC5. Farrington Highway (Route 7110 & 9107) Improvements Congest	CON							20,000	8,930	11,070		20,000	6,210	13,790		20,000	4,000	16,000	20,000	4,000	16,000	STP FLEXIBLE
<i>Estimated Total Project Cost - \$80,000,000 -- Improve the two lanes undivided Farrington Highway between Fort Weaver Road and Kapolei Golf Course Road to implement future transportation plans and accommodate future transportation needs.</i>																						
OC6. Kapolei Parkway (Route 8920) Extension Congest	DES	50	0	50																		
	CON	1,200	960	240																		
<i>Estimated Total Project Cost - \$23,789,000 -- Provide an extension of the existing Kapolei Parkway from Kamokila Blvd. to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected. This project is identified in the Oahu Regional Transportation Plan 2030.</i>																						
OC7. Makakilo Drive (Route 8810) Extension Modern	DES				3,000	0	3,000									20,000	4,000	16,000	20,000	4,000	16,000	LOCAL
Phase 1	CON																					STP FLEXIBLE
<i>Estimated Total Project Cost - \$85,500,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.</i>																						
OC8. Traffic Improvements at Various Locations Safety																						
Village Park/Kupuna Loop	DES	450	360	90																		STP FLEXIBLE
Palolo-9th Avenue/10th Avenue	CON	0	0	0																		Delete project from group listing
	INSP	0	0	0																		
Kalaheo Avenue/Kailua Road	ROW				100	80	20															Revise cost estimates
	CON				1,500	1,200	300															Revise cost estimates
	INSP				250	200	50															Revise cost estimates
TBD - CON 2017	DES				500	400	100															Revise cost estimates
	CON							1,250	1,000	250												Revise cost estimates
	INSP							125	100	25												Add project phase
TBD - CON 2018	ROW				50	0	50															Revise cost estimates
	PLN				50	0	50															Revise cost estimates
	DES							341	284	57												Revise cost estimates
	CON															1,133	900	233				Revise cost estimates
TBD - CON 2019	INSP															125	100	25				Add project phase
	ROW															50	0	50				
	PLN															50	0	50				
	DES																					
	CON															218	174	44				Revise cost estimates
	CON																		1,500	1,200	300	Revise cost estimates
TBD - CON 2020	INSP															250	200	50				Add project phase
	ROW															50	0	50				
	PLN															50	0	50				
	DES															500	400	100				Revise cost estimates
	CON																					Revise cost estimates
TBD - CON 2021	ROW																		1,500	1,200	300	Add project to group listing
	PLN															250	200	50				
	DES															50	0	50				
	CON															500	400	100				
<i>Estimated Total Project Cost - \$13,030,000 \$10,892,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park & Kupuna Loop area, and Kalaheo Avenue/Kailua Road.</i>																						
OC9. Traffic Signal Optimization Congest																						
Phase 6 - Kapolei, Ewa, Makakilo	PLN							1	0	1												STP FLEXIBLE
	DES							600	500	100												
Phase 7 - TBD	PLN												1	0	1							
	DES												100	0	100							
Phase 8 - TBD	PLN															1	0	1				
	DES															100	0	100				
<i>Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.</i>																						

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OC10. Traffic Signals at Various Locations																				STP FLEXIBLE
Congest																				
Phase 15 - S. King St/Keala Makai St, S. King St/Pensacola St, South St/Kawaihau St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St	CON	3,496	2,800	696																Add project to group listing
	EQP	4	0	4																
Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liikoi St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	DES	438	350	88																Add project phase
	PLN	0	0	0																Delete project phase
	CON	0	0	0	3,566	2,856	710													
	EQP	0	0	0	4	0	4													
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kuala St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	DES	0	0	0	447	357	90													
	CON				0	0	0	3,758	2,993	765										
	EQP				0	0	0	4	0	4										
Phase 18 - TBD	DES				0	0	0	447	357	90										
	CON							0	0	0	3,825	3,060	765							
	EQP							0	0	0	4	0	4							
Phase 19 - TBD	DES							0	0	0	447	357	90							
	CON										0	0	0	4,121	3,300	821				
	EQP										0	0	0	4	0	4				
Phase 20 - TBD	DES										0	0	0	438	350	88				
	CON													0	0	0	4,121	3,300	821	
	EQP													0	0	0	4	0	4	
Phase 21 - TBD	DES													0	0	0	438	350	88	
	CON													0	0	0	0	0	0	Delete project phase
	EQP													0	0	0	0	0	0	Delete project phase
Phase 22 - TBD	PLN													0	0	0	0	0	0	Delete project from group listing
	DES													0	0	0	0	0	0	Delete project from group listing
<i>Estimated Total Project Cost - \$24,700,000 \$25,570,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.</i>																				
OC11. Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62																STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,000,000 -- Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.</i>																				
OAHU : C&C OF HONOLULU - FHWA TOTAL		30,468	17,000	13,468	36,157	17,000	19,157	30,406	17,000	13,406	34,163	17,000	17,163	55,324	19,729	35,595	55,223	19,729	35,494	

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FTA																				
OC12. Agency Provided Trips	Human																			
	OPR	334	167	167	344	172	172	354	177	177	366	183	183	376	188	188	388	194	194	FTA \$5307 (revise cost estimates)
	OPR	511	248	263	512	256	256	528	264	264	544	272	272	560	280	280	576	288	288	FTA \$5310 (revise cost estimates)
	OPR	733	0	733	1,087	0	1,087	1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	LOCAL (Add locally funded OPR phase)
<i>Estimated Total Project Cost - \$8,677,000 \$11,899,000 -- Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.</i>																				
OC13. Bus and Handi-Van Acquisition Program	Transit																			
FY15 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses	17-40'																			
FY16 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses																				
FY17 = 10 <35' buses + 10-40' buses + 10-60' buses																				
FY18 = 9 <35' buses + 10-40' buses + 10-60' buses																				
	EQP	0	0	0	20,210	0	20,210	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	FTA \$5307
	EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5337
	EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5339
	EQP	12,511	9,963	2,548																FTA \$5307 (2015) (Revise cost estimates)
	EQP	18,125	14,500	3,625																FTA \$5307 (2014) (Revise cost estimates)
	EQP	1,297	1,047	250																FTA \$5337 (2013) (Revise cost estimates)
	EQP	1,376	1,111	265																FTA \$5337 (2014) (Revise cost estimates)
	EQP	1,410	1,133	277	1,444	1,155	289	1,473	1,178	295	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	FTA \$5337 (2015) (Revise cost estimates)
	EQP	4,453	3,562	891	3,215	2,306	909	3,279	2,352	927	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	FTA \$5339 (2015) (Revise cost estimates)
	EQP	4,365	3,492	873																FTA \$5339 (2014) (Revise cost estimates)
	EQP	4,271	3,417	854																FTA \$5339 (2013) (Revise cost estimates)
<i>Estimated Total Project Cost - \$159,400,000 \$175,566,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC14. Bus Stop ADA Access Improvements	Transit																			
	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	270	0	270	270	0	270	270	0	270	270	0	270	270	0	270	270	0	270	LOCAL
	CON	621	300	321	321	0	321	321	0	321	321	0	321	321	0	321	321	0	321	FTA \$5307
	ROW	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	RELOC	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$3,888,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).</i>																				
OC15. Bus Stop Site Improvements	Transit																			
	PLN	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	ROW	1	0	1																LOCAL
	DES	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	LOCAL
	CON	1,735	1,330	405	405	0	405	405	0	405	405	0	405	405	0	405	405	0	405	FTA \$5307 (Revise cost estimates)
	EQP	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$5,437,000 \$4,337,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.</i>																				
OC16. Honolulu Rail Transit Project	Transit																			
	HRTTP				44,216	35,373	8,843	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	FTA \$5307/ \$5340
	HRTTP	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131							FTA \$5309 NS
<i>Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
<i>a. Total estimated cost (YOES) = \$5,163,693,000 (including finance charges); PLN = \$25,027,000; Land Acquisition = \$222,188,000; DES = \$564,660,000; CON = \$4,143,317,000; EQP = \$208,501,000.</i>																				
<i>b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.</i>																				
<i>c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOES).</i>																				
OC17. Local Shuttle Service	Human																			
	OPR	204	102	102	210	105	105	216	108	108	223	111	112	230	115	115	236	118	118	FTA \$5307 (Revise cost estimates)
<i>Estimated Total Project Cost - \$745,000 \$1,319,000 -- To maintain and expand shuttle services between Kaiaola homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.</i>																				
OC18. Middle Street Intermodal Center	Transit																			
	PLN				1,810	1,327	483	1	0	1	1	0	1							FTA \$5339 Bus and Bus Facilities
	DES				2,500	0	2,500	200	0	200	200	0	200							LOCAL
	CON							5,864	0	5,864	5,867	0	5,867							LOCAL
	EQP							1	0	1	1	0	1							LOCAL
<i>Estimated Total Project Cost - \$16,445,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.</i>																				
OC19. Mobility Management	Human																			
	OPR	316	253	63	325	260	65	335	268	67	345	276	69	356	285	71	366	293	73	FTA \$5307 (Revise cost estimates)
	OPR	79	63	16	81	65	16	84	67	17	86	69	17	89	71	18	91	73	18	FTA \$5310 (Revise cost estimates)
<i>Estimated Total Project Cost - \$3,696,000 \$2,553,000 -- Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OC22. Pedestrian Transit Connections																				
SysPres	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	
	DES	250	0	250	250	0	250	250	0	250	250	0	250	250	0	250	250	0	250	
	CON	1,120	1,100	20	165	145	20	20	0	20	20	0	20	20	0	20	20	0	20	
	INSP	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	
	EQP	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	
<i>Estimated Total Project Cost - \$2,961,000 -- Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.</i>																				
OC20. Preventive Maintenance																				
Transit	OPR	47,527	21,000	26,527	48,478	0	48,478	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	
<i>Estimated Total Project Cost - \$299,811,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																				
OC21. Transit Safety and Security Projects																				
Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	
	CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	
	EQP	413	330	83	413	330	83	413	330	83	413	330	83	413	330	83	413	330	83	
<i>Estimated Total Project Cost - \$2,080,000 -- Capital projects at various transit locations to improve safety and security.</i>																				
OAHU : C&C OF HONOLULU - FTA TOTAL		1,172,244	405,582	766,662	1,189,835	381,800	808,035	886,751	285,099	601,652	521,489	168,460	353,029	123,188	40,271	82,917	125,790	41,488	84,302	
FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)			64,212			73,512			59,427			64,969			64,934			64,105		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			0			9,284			0			2,400			0			3,120		
STP FLEXIBLE			17,000			17,000			17,160			21,000			29,729			19,729		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
HSIP (Highway Safety Improvement Program)			4,508			0		5,712			200			0				2,400		
NATIONAL RECREATIONAL TRAILS			287			287		287			287			287				287		
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0				0		
FTA TRANSFER FUNDS			0			0		0			0			0				0		
EQUITY BONUS			0			0		0			0			0				0		
EARMARK - HIGH PRIORITY			0			1,118		0			0			0				0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0				0		
EARMARK - SECTION 112			0			0		0			0			0				0		
EARMARK - SECTION 115			0			0		0			0			0				0		
EARMARK - SECTION 117			0			0		0			0			0				0		
FLHD (Federal Lands Highway Discretionary)			0			0		0			0			0				0		
NRCS (National Resources Conservation Service)			0			0		0			0			0				0		
DISCRETIONARY			0			0		0			0			0				0		
HIGHWAYS FOR LIFE			0			0		0			0			0				0		
IMD (NHPP Discretionary)			4,300			0		0			0			0				0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0				0		
	SUBTOTAL		90,307			101,201		82,586			88,856			94,950				89,641		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,300)			(1,118)		0			0			0				0		
LESS FTA TRANSFER FUNDS			0			0		0			0			0				0		
			0			0		0			0			0				0		
REGULAR FORMULA AUTHORITY	TOTAL		86,007			100,083		82,586			88,856			94,950				89,641		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																	
HAWAII : STATE - FHWA																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamako Gulch <i>Modern</i>	CON												8,190	6,552	1,638				STP FLEXIBLE		
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																					
HS2. Bridge and Pavement Improvement Program, Hawaii <i>SysPres</i>	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE	
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
HS23. Daniel K. Inouye Highway (Route 200) Extension Mamalaha Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19) <i>Modern</i>	DES	250	200	50																STP FLEXIBLE	
	PREROW	250	200	50																	
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																					
HS24. Daniel K. Inouye Highway (Route 200) Improvements Phase 2D: East Side Grade & Pave, MP 6 to MP 11 <i>Modern</i>	CON	0	0	0																DISCRETIONARY (did not receive discretionary monies; scope of work will be adjusted to match funding) STP FLEXIBLE (DAR soft match) STP FLEXIBLE (DAR soft match)	
	CON	24,000	15,000	9,000																	
	ADVCON				0	9,000	(9,000)														
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HS3. Guardrail and Shoulder Improvements, Various Locations <i>Safety</i>	DES																100	80	20	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																					
HS4. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoe Stream Bridge <i>SysPres</i>	ROW							1,150	920	230										NHPP	
	CON																10,600	8,480	2,120		
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																					
HS5. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge <i>Safety</i>	ROW	1,300	1,040	260																NHPP	
	CON										6,500	600	5,900								
	ADVCON													0	4,600	(4,600)					
<i>Estimated Total Project Cost - \$7,100,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.</i>																					
HS6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge Towards Waipunahina Bridge <i>Safety</i>	CON										5,600	480	5,120							NHPP	
	ADVCON													0	4,000	(4,000)					
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.</i>																					
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge <i>Safety</i>	CON																1,560	1,248	312	NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</i>																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge <i>Safety</i>	CON													1,560	1,248	312				NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																					
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paauilo Bridge <i>Safety</i>	CON				1,693	1,355	338													NHPP	
<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paauilo Bridge.</i>																					
HS10. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch) <i>Safety</i>	ROW							270	216	54										NHPP	
	CON										38,700	7,000	31,700								
	ADVCON													0	13,000	(13,000)	0	10,960	(10,960)		
<i>Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																					
HS12. Hilo Bayfront Highway (Route 19), Shoreline Protection <i>SysPres</i>	ROW							100	80	20										STP FLEXIBLE	
	CON													3,640	2,912	728					
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																					
HS13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches <i>SysPres</i>	ROW							2,200	1,760	440										NHPP	
	CON													11,200	8,960	2,240					
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
HS14. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road <i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>	PREROW				104	83	21													STP FLEXIBLE
	ROW							1,938	1,550	388										
	CON										28,560	5,000	23,560							
	ADVCON													0	7,000	(7,000)	0	10,848	(10,848)	
HS15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements <i>Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway between Keaau Bypass and Shower Drive. Phase 2 only includes work on the Shower Drive Intersection.</i>	CON				1,660	1,328	332													STP FLEXIBLE HSIP
	CON				520	468	52													
HS16. Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street <i>Estimated Total Project Cost - \$8,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>	DES													875	700	175				STP FLEXIBLE
	PREROW																55	44	11	
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2 <i>Estimated Total Project Cost - \$400,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.</i>	DES	40	36	4																HSIP
	CON							360	324	36										
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7) <i>Estimated Total Project Cost - \$7,600,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE (add DES. DES was not obligated in 2014. Advance and decr ROW)
	ROW	100	80	20							0	0	0							
	CON																6,600	5,280	1,320	
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement <i>Estimated Total Project Cost - \$7,600,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE (New project) (add DES. DES was not obligated in 2014)
	ROW	65	52	13																
HS19. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa <i>Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>	CON													9,930	7,944	1,986				STP FLEXIBLE
HS27. Mamalahoa highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road <i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements including... installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.</i>	CON	6,000	4,800	1,200																STP FLEXIBLE (New project)
HS20. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9 <i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>	CON							1,457	1,311	146										HSIP
HS21. National Recreational Trails Program - Hawaii (DLNR) <i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
HS22. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11) Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770) <i>Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>	PREROW	0	0	0	52	41	11													STP FLEXIBLE (Don't need Pre ROW so soon before ROW. Defer and inflate) EARMARK - HIGH PRIORITY (HI025)
	ROW													5,600	4,480	1,120				
	ROW													1,000	800	200				
	PREROW										56	45	11							
HS25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) <i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>	ROW	175	140	35																HSIP
	CON	1,215	1,093	122																
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park <i>Estimated Total Project Cost - \$5,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>	DES	307	213	94																NHPP (New project)
HAWAII : STATE - FHWA TOTAL		53,376	25,393	27,983	20,903	12,574	8,329	24,349	6,460	17,889	96,290	13,424	82,866	58,869	62,495	(3,626)	42,289	42,439	(150)	

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF HAWAII - FHWA																				
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	CON				10,400	1,024	9,376													STP FLEXIBLE
	ADVCON							0	8,320	(8,320)										
<i>Estimated Total Project Cost - \$11,700,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																				
HC2. Alii Highway (Route 1110) Modern	DES				2,500	2,000	500													STP FLEXIBLE
	ROW								2,550	2,040	510									
Phase 1	CON															12,400	9,920	2,480		
<i>Estimated Total Project Cost - \$76,000,000 -- Design and ROW funds are for the entire project from Queen Kaahumanu Hwy, just south of Kona Hillcrest Subdivision to Alii Dr. near the Keauhou Shopping Ctr. Construct 4.5 miles of 24-ft wide road in phases as construction funding is available. Logical termini will be determined for each phase in the design phase.</i>																				
HC3. Bridge Inspection and Appraisal SysPres	PLN				200	160	40					200	160	40						STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HC4. Kawaiilani Street (Rte 2760) Improvements Congest																				STP FLEXIBLE
Vicinity of Kanoelani Street to Vicinity of Kuhlani Street Phase 2B	CON	17,500	14,000	3,500																
<i>Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakalani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.</i>																				
HC5. Kuakini Highway (Route 1100) Widening, Phase II Modern	DES				1,500	1,200	300													STP FLEXIBLE
	CON								16,080	2,944	13,136									
	ADVCON											0	9,920	(9,920)						
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Alii Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.</i>																				
HC6. Mamalahoa Highway (Route 19) Widening Modern	CON				8,000	6,400	1,600													NHPP
(Mud Lane to Mana Road)																				
<i>Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Mamalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																				
HC7. Waianuenu Avenue (Route 2720) Improvements Enhance	DES	900	720	180																STP FLEXIBLE
	ROW				250	200	50													
	CON							12,400	4,920	7,480										
	ADVCON										0	5,000	(5,000)							
<i>Estimated Total Project Cost - \$13,900,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenu Avenue from Rainbow Drive to Akolea Road.</i>																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		18,400	14,720	3,680	22,850	10,984	11,866	12,400	13,240	(840)	18,830	10,144	8,686	0	9,920	(9,920)	12,600	10,080	2,520	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF HAWAII - FTA																				
HC8. Bus and Bus Facility Transit	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC9. Rural Transportation Program Transit	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311
<i>Estimated Total Project Cost - \$13,000,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - HAWAII																				
NHPP (National Highway Performance Program)			1,253		7,755		2,896		8,080		31,808		20,688							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			0		0		0		0		0		0							
STP FLEXIBLE			37,292		15,036		14,870		15,189		39,508		31,532							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			1,269		468		1,635		0		0		0							
NATIONAL RECREATIONAL TRAILS			299		299		299		299		299		299							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		800		0							
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
SUBTOTAL			40,113		23,558		19,700		23,568		72,415		52,519							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		(800)		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY		TOTAL	40,113		23,558		19,700		23,568		71,615		52,519							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
MAUI - STATE - FHWA																				
MS1. Bridge and Pavement Improvement Program, Maui <i>SysPres</i>	CON	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$117,960,000--System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																				
<i>Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)</i>																				
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
MS2. Guardrail and Shoulder Improvement Program at Various Locations, Maui <i>Safety</i>																				STP FLEXIBLE
Part 2	CON				1,000	800	200													
Part 3	CON									1,000	800	200								
Part 4	CON																1,000	800	200	
<i>Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS3. Hana Highway (Route 36) Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass <i>Enhance</i>	CON				2,550	2,040	510													STP ENHANCEMENT
<i>Estimated Total Project Cost - \$2,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road <i>Modern</i>	ROW							120	95	25										NHPP
	CON										6,900	1,520	5,380							
	ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge <i>SysPres</i>	ROW				841	673	168													NHPP
	CON										5,600	4,480	1,120							
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.</i>																				
MS6. Honoapiilani Highway (Route 3000) Realignment Phase 1B2 - Hokiokio Place to Relocated Southern Terminus <i>Modern</i>	DES	50	40	10																NHPP
	ROW							100	80	20										(add DES to develop Design/Build RFP)
	CON										30,000	12,000	18,000							
	ADVCON													0	12,000	(12,000)				
Phase 1C - Keawe Street Extension to North of Kaanapali Connector	ROW													6,250	5,000	1,250				
	CON																41,600	16,280	25,320	
<i>Estimated Total Project Cost - \$95,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.</i>																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements Ukumehame to Olowalu <i>Safety</i>	CON							1,352	1,217	135										HSIP
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS16. Honoapiilani Highway (Route 30), Safety Improvements Vicinity of Kapoli Street to Papatoua Beach Park <i>Safety</i>	CON	3,000	2,400	600																HSIP (reinclude in 2015. Not obligated in 14 ROW cert needed. No Topo yet)
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS8. Honoapiilani Highway (Route 30) Shoreline Protection Vicinity of Olowalu <i>SysPres</i>	ROW	250	200	50																NHPP
	CON	3,250	2,600	650																
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.</i>																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay <i>SysPres</i>	ROW	250	200	50																STP FLEXIBLE
	CON							5,130	4,100	1,030										
<i>Estimated Total Project Cost - \$6,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.</i>																				
MS16. Kihei-Uppcountry Maui Highway (Route 374), Phase 1A <i>Modern</i>	CON																20,000	8,000	12,000	STP FLEXIBLE
	ADVCON																			
<i>Estimated Total Project Cost -- \$100,000,000 -- This project will initially be a two-lane facility without a median. The full build-out will be a four-lane facility with a median. The right-of-way for the future four-lane facility will be acquired. It will connect the Kihei-Makena area with Uppcountry Maui.</i>																				
<i>The terminus points are Haleakala Highway at the Uppcountry Maui end and Piilani Highway at the Kihei-Makena end.</i>																				
MS10. National Recreational Trails Program - Maui (DLNR) <i>Enhance</i>	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																				
MS12. Paia Bypass Road - Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park <i>Modern</i>	DES													3,570	2,856	714				STP FLEXIBLE
	PREROW																110	88	22	
<i>Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.</i>																				
MS13. Puunene Ave. (Rte 3500) Improvements, Kaahumanu Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380) <i>Modern</i>	PREROW	34	26	8																STP FLEXIBLE
	ROW				155	122	33													
	CON													13,500	5,800	7,700				
	ADVCON																0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
MOLOKAI																				
MS14. Guardrail and Shoulder Improvements Program at Various Locations, Molokai Part 2	CON				750	600	150													STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS15. Kamehameha V Highway (Route 450), Bridge Replacement	CON				0	0	0	7,100	5,680	1,420										STP FLEXIBLE (DES contract being finalized. RTA 2017. Defer and inflate)
SysPres Makakupaia Stream Bridge																				
<i>Estimated Total Project Cost - \$8,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.</i>																				
MAUI : STATE - FHWA TOTAL		27,783	5,825	21,958	26,245	4,594	21,651	34,751	11,531	23,220	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF MAUI - FHWA																				
MC1. Alaalua Bridge Replacement, SysPres Hana Highway (Route 3700), MP 33.80	DES							750	0	750										LOCAL
<i>Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, SysPres Phase 2 - Haliimaile Road to Hana Hwy	CON	0	0	0	12,765	9,455	3,310													STP FLEXIBLE (defer. Updated estimated based on phase 1 bid tabs. Not enough local match in 2015.)
<i>Estimated Total Project Cost - \$9,600,000 - Reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; providing minor drainage improvements; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC3. Bridge Inspection and Appraisal SysPres	PLN	300	240	60				300	240	60				300	240	60				STP FLEXIBLE
<i>Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding of \$300,000 is provided every two years.</i>																				
MC4. Central Maui Traffic Signal Upgrades Congest Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75) Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66) Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85) Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)	CON							270	0	270				1,300	1,040	260				STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,570,000 -- The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC5. Guardrail and Shoulder Improvements, Various Locations Safety Phase 1 - Haliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 Phase 2	CON				0	0	0	1,530	1,200	330										STP FLEXIBLE (Defer and inflate. Financial constraint)
	CON							0	0	0				1,873	1,440	433				
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																				
MC6. Hahalawe Bridge Replacement, SysPres Hana Highway (Route 3700), MP 31.05	DES				700	0	700													STP FLEXIBLE
	CON																			7,550 5,400 2,150
<i>Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.</i>																				
MC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2 SysPres	CON				0	0	0	1,530	1,200	330										STP FLEXIBLE (Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.</i>																				
MC9. Kahakuloa Bridge Replacement, SysPres Kahekili Highway (Route 340), MP 9.27	DES	420	16	404																STP FLEXIBLE
	CON										0	0	0	3,468	2,400	1,068				(Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$3,820,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC10. Kahana Nui Bridge Replacement, SysPres Lower Honoapiilani Road (Route 3080), MP 2.40	CON				0	0	0	3,540	2,470	1,070										STP FLEXIBLE (Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$3,670,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																				
MC11. Kahawaikapia Bridge Replacement, SysPres Hana Highway (Route 3700), MP 36.61	DES	830	24	806																STP FLEXIBLE
	CON							0	0	0	5,510	3,600	1,910							(Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$6,230,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.</i>																				
MC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), SysPres Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)	DES							300	0	300										STP FLEXIBLE
	CON													6,730	5,384	1,346				
<i>Estimated Total Project Cost - \$6,900,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
MC13. Kihei Bikeway, Phase 2, Enhance Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekui Street <i>Estimated Total Project Cost - \$4,700,000 -- The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, landscaping, and path lighting will also be part of the construction.</i>	CON	2,000	1,600	400															STP ENHANCEMENT (cost increase. Add needed drainage improvements and parallel parking)	
MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction SysPres Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Piilolo Road to Kokomo Road (Route 366) <i>Estimated Total Project Cost - \$4,675,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.</i>	CON				4,375	3,500	875	0	0	0									STP FLEXIBLE (advance to reflect priority)	
MC15. Koukouai Bridge Modifications, SysPres Piilani Highway (Route 3700), MP 28.59 <i>Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>	CON												6,120	4,488	1,632				STP FLEXIBLE	
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, SysPres Kualau Street to Honoapiilani Highway (Route 30) <i>Estimated Total Project Cost - \$1,775,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>	DES CON	185 1,600	8 1,280	177 320															STP FLEXIBLE	
MC17. Kulanihako Bridge Replacement SysPres South Kihei Road (Route 3100), MP 1.40 <i>Estimated Total Project Cost - \$4,900,000 -- The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road.</i>	CON				0	0	0	4,160	3,264	896									STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC18. Lelekea Bridge Replacement SysPres Piilani Highway (Route 3700), MP 27.23 <i>Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>	CON															3,994	3,195	799	STP FLEXIBLE	
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, SysPres Phase IV, Hoohui Road to Napilihau Road (Route 3090) <i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>	DES CON				350	0	350						0	0	0	6,020	4,500	1,520	STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2) SysPres Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road <i>Estimated Total Project Cost - \$5,300,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>	DES CON							300	0	300			0	0	0	5,100	4,000	1,100	STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, SysPres Kahului Beach Road (Route 3400) to Hala Place <i>Estimated Total Project Cost - \$3,675,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>	DES CON				175	0	175						0	0	0	3,570	2,800	770	STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) Enhance - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School <i>Estimated Total Project Cost - \$2,000,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>	ROW CON				750	0	750						0	0	0	1,275	1,000	275	STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3 Congest <i>Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.</i>	CON												730	584	146				STP FLEXIBLE	
MC24. North Shore Greenway, Phase IV Enhance Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park <i>Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.</i>	CON				1,750	1,400	350												STP ENHANCEMENT	
MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Modern Kaonoulu Street to Namauu Place <i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>	DES CON	450	0	450									0	0	0	7,190	5,000	2,190	STP FLEXIBLE (Defer and inflate. Financial constraint)	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																	
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Modern Lokelani School to Auhana Road	DES				600	0	600													STP FLEXIBLE	
	ROW										150	0	150								
	CON																8,670	6,936	1,734		
<i>Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.</i>																					
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Congest Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	DES							130	0	130										STP FLEXIBLE	
	CON													1,250	1,000	250					
<i>Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																					
MC40. Old Haleakala Hwy (Route 367) and Makani Rd (Route 3630) Resurf. SysPres Aeloa Rd - Makawao Ave & Old Haleakala Hwy to Haleakala Bypass	CON	4,958	3,527	1,431																STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments. Total length = 1.7 miles.</i>																				
MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, SysPres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES	370	16	354																STP FLEXIBLE	
	CON							0	0	0	2,245	1,760	485							(Defer and inflate. Financial constraint)	
<i>Estimated Total Project Cost - \$2,200,370 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																					
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals Congest at Hina Avenue (Route 3930, MP 0.8)	CON										0	0	0	880	688	192				STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.</i>																				
MC30. Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Congest Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES	130	0	130																STP FLEXIBLE	
	CON													1,250	1,000	250					
<i>Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalaua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																					
MC31. Pavement Rehabilitation, Various Roads, South Maui SysPres Kulanihakai Street (Route 3175), MP 0-MP 0.5 Waipuilani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Pilihi Highway (Route 31)	DES	20	16	4																STP FLEXIBLE	
	CON				0	0	0	6,120	4,800	1,320											(Defer and inflate. Financial constraint)
	<i>Estimated Total Project Cost - \$6,020,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC32. Piikea Avenue (Route 3165, MP 0-MP 0.6) Resurfacing, SysPres South Kihei Road (Route 3100) to Pilihi Highway (Route 31)	DES	10	8	2																STP FLEXIBLE	
	CON				0	0	0	1,632	1,280	352											(Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$1,610,000 -- The scope of work involves resurfacing the existing roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																					
MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Congest Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	CON							0	0	0	826	648	178							STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																				
MC34. Waipuilani Bikepath Enhance Kulanihakai Street (Route 3175) to W. Waipuilani Road (Route 3170)	CON										0	0	0	1,765	1,384	381				STP ENHANCEMENT	
	<i>Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, and street lighting will also be part of the construction.</i>																				
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Congest Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	CON	0	0	0				1,248	960	288										STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
MAUI : COUNTY OF MAUI - FHWA TOTAL		11,273	6,735	4,538	21,465	14,355	7,110	21,810	15,414	6,396	13,576	9,808	3,768	31,686	24,148	7,538	32,504	24,531	7,973		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility (Rural) Transit	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$6,062,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
MC37. Rural Transportation Program Transit	OPR	1,000	500	500	1,030	515	515	1,062	531	531	1,094	547	547	1,128	564	564	1,162	581	581	FTA SECTION 5311
<i>Estimated Total Project Cost - \$6,476,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC38. Urbanized Area - Kahului Transit	PLN/EQP/OPR	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185	1,185	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
<i>Estimated Total Project Cost - \$13,210,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.</i>																				
MC39. Transportation Assistance for Elderly and Disabled Human	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																				
MAUI : COUNTY OF MAUI - FTA TOTAL		4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			2,840			673		175			18,000			21,000			16,280			
BRIDGE OFF-SYSTEM			0			0		0			0			0			0			
STP ENHANCEMENT			1,600			3,440		0			0			1,384			0			
STP FLEXIBLE			5,361			14,477		25,194			10,608			31,420			38,419			
SECTION 1404 - (Safe Routes to School)			0			0		0			0			0			0			
HSIP (Highway Safety Improvement Program)			2,400			0		1,217			0			0			0			
NATIONAL RECREATIONAL TRAILS			359			359		359			359			359			359			
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0			
EQUITY BONUS			0			0		0			0			0			0			
EARMARK - HIGH PRIORITY			0			0		0			0			0			0			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0			
EARMARK - SECTION 112			0			0		0			0			0			0			
EARMARK - SECTION 115			0			0		0			0			0			0			
EARMARK - SECTION 117			0			0		0			0			0			0			
FLHD (Federal Lands Highway Discretionary)			0			0		0			0			0			0			
NRCS (National Resources Conservation Service)			0			0		0			0			0			0			
DISCRETIONARY			0			0		0			0			0			0			
HIGHWAYS FOR LIFE			0			0		0			0			0			0			
FTA TRANSFER FUNDS			0			0		0			0			0			0			
IMD (NHPP Discretionary)			0			0		0			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0			0			
SUBTOTAL			12,560			18,949		26,945			28,967			54,163			55,058			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0		0			0			0			0			
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0			
			0			0		0			0			0			0			
REGULAR FORMULA AUTHORITY		TOTAL	12,560			18,949		26,945			28,967			54,163			55,058			

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
KAUAI : STATE - FHWA																				
KS1. Bridge and Pavement Improvement Program, Kauai SysPres	CON	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai Safety	DES	0	0	0																STP FLEXIBLE (advance program one year)
	CON	1,000	800	200	0	0	0													
	DES				100	80	20													
	CON							1,000	800	200										
	DES										100	80	20							
	CON													1,000	800	200	0	0	0	
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS3. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement SysPres	ROW										850	680	170							NHPP
	CON																4,185	3,348	837	
<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation SysPres	ROW	67	52	15				0	0	0										NHPP
	CON																6,960	5,568	1,392	(advance ROW)
<i>Estimated Total Project Cost - \$7,365,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.</i>																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation SysPres	ROW	105	80	25							0	0	0							STP FLEXIBLE (advance ROW)
	CON	100	80	20													27,000	10,000	16,400	
	ADVCON																			
<i>Estimated Total Project Cost - \$27,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS6. Kaunualii Highway (Route 50), Bridge Rehabilitation SysPres	ROW	0	0	0	110	88	22													STP FLEXIBLE (defer/inflate. No alignment. No ROW map. Acquisition usually occurs 1 year after ROW maps are obtained)
	CON										7,650	620	7,030							
	ADVCON													0	5,500	(5,500)				
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																				
KS7. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Modern	CON							18,400	10,000	8,400										NHPP
	ADVCON										0	4,720	(4,720)							
<i>Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.</i>																				
KS8. Kuhio Highway (Route 56), Bridge Replacement SysPres	ROW	0	0	0	805	644	161													NHPP (defer/inflate. No alignment. No ROW map. Acquisition usually occurs 1 year after ROW maps are obtained)
	CON				0	0	0	10,925	8,740	2,185										
	ADVCON							0	0	0										
<i>Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																				
KS15. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres	DES	2,100	1,680	420																STP FLEXIBLE (new project)
	ROW	100	80	20																
	CON	100	80	20																
<i>Estimated Total Project Cost - \$23,000,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres	ROW				595	476	119													STP FLEXIBLE
	CON													9,000	2,200	6,800				
	ADVCON																0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				
KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres	CON	12,240	9,792	2,448																STP FLEXIBLE
<i>Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																				
KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Safety	ROW	120	96	24							0	0	0							NHPP (advance ROW)
	CON													10,600	8,480	2,120				
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																				
KS12. Kuhio Highway (Route 56) Safety Improvements MP 21.4 - 27.1 Safety	DES				120	96	24													HSIP
	CON										1,080	864	216							
<i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but not limited to, installation of milled rumble strips on centerline and shoulders. Super elevation assessment along entire segment along with pavement markings and signing.</i>																				
KS13. National Recreational Trails Program - Kauai (DLNR) Enhance	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
KAUAI : STATE - FHWA TOTAL		28,246	12,991	15,255	14,044	1,635	12,409	42,639	19,791	22,848	21,994	7,215	14,779	32,914	17,231	15,683	50,459	24,167	25,692	

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF KAUAI - FHWA																				
KC1. Bridge Inspection and Appraisal <i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County, FHWA Requirement. This is a regularly scheduled program.</i>	PLN/DES				125	100	25				125	100	25				125	100	25	STP FLEXIBLE
KC2. Hanapepe Road (Rte 545) Resurfacing <i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>	CON	0	0	0				3,120	1,400	1,720				0	1,000	(1,000)				STP FLEXIBLE (defer for financial constraint) (use Adv Con to redistribute funds)
KC13. Kapahi Bridge Replacement <i>Estimated Total Project Cost - \$2,500,000 -- Repair or rehabilitate and strengthen the existing Kapahi Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>	CON	2,000	1,600	400																STP FLEXIBLE (new project. Project was deferred from 2014)
KC3. Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Maalihuna Road (Route 5870), Complete Street & Safety Improvements <i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maalihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Maalihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>	PLN	100	80	20																STP FLEXIBLE
	DES	275	220	55																
	CON							3,060	2,450	610										
KC4. Lihue-Anahola Coastal Bike Path Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase A-1, Kawaihau Elevated Boardwalk, Papaioa Road to Uhelekawawa Canal Phase C & D A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions. Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path Phase A - Ahukini Landing to Hanamaulu Beach Park Phase B - Hanamaulu Beach Park to Waitua Golf Course The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Waitua Golf Course to Lydgate Park and cost \$9.5 million. Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini Phase B - Ninini Point to Nawiliwili Beach Park Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas. <i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>	CON	2,250	2,250	0																STP ENHANCEMENT (add Phase A-1 which was deferred from 2014) (Defer/inflate future phases to maintain financial constraint)
	CON	0	0	0	1,530	1,530	0													
	DES				1,100	1,100	0													
	CON										0	0	0	7,575	7,575	0				
	DES							0	0	0	815	815	0							
	ROW													4,080	4,080	0				
	DES				0	0	0													
	ROW													420	420	0				
	CON													0	0	0	6,865	6,865	0	
	DES										1,000	1,000	0							
	CON																19,600	19,600	0	
KC5. Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) <i>Estimated Total Project Cost - \$22,500,000 -- Construct new 4 lane roadway with 12' lanes and 6' shoulders. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.</i>	DES													2,000	1,600	400				STP FLEXIBLE
	CON																			
KC6. Opaekaa Bridge Rehabilitation <i>Estimated Total Project Cost - \$3,500,000 -- Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>	CON				0	0	0	3,060	2,400	660										STP FLEXIBLE (defer/inflate to maintain financial constraint)
KC7. Poipu Road (Route 520) Multimodal Improvements <i>Estimated Total Project Cost - \$5,000,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoike; Construction of bus stop shelters; Construction of medians and landscaping</i>	PLN	100	80	20																STP FLEXIBLE
	DES	400	320	80																
	CON							0	0	0	4,590	3,600	990							(defer/inflate to maintain financial constraint)
KC8. Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaunualii Highway (RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80) <i>Estimated Total Project Cost - \$6,750,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>	CON	3,300	2,640	660																STP FLEXIBLE (add phase 1, which was deferred from 2014)
	DES	250	200	50																
	CON							3,500	2,800	700										
KC9. Puuopae Bridge Rehabilitation <i>Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.</i>	CON	0	0	0	3,060	2,400	660													STP FLEXIBLE (defer for financial constraint)
KC10. Rice Street (Route 5020) Improvements MP 0-MP 1.00 <i>Estimated Total Project Cost - \$3,500,000 -- Construction of medians, bicycle facilities (bike lanes and sharrows), restriping, bus shelters, and improvements at intersections and pedestrian crossings.</i>	PLN				100	80	20													STP FLEXIBLE
	DES				400	320	80													
	CON										3,000	2,400	600							
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		8,675	7,390	1,285	6,315	5,530	785	12,740	9,050	3,690	11,400	10,785	615	14,075	13,675	400	26,590	26,565	25	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF KAUAI - FTA																				
KC11. Bus and Bus Facility <i>Transit</i>	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC12. Rural Transportation Program <i>Transit</i>	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311 FTA SECTION 5311
<i>Estimated Total Project Cost - \$13,000,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)			148		644		18,740		5,400		8,480		8,916							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			2,250		2,630		0		3,685		12,075		26,465							
STP FLEXIBLE			17,732		3,544		9,850		7,800		10,100		15,100							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			0		96		0		864		0		0							
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
SUBTOTAL			20,381		7,165		28,841		18,000		30,906		50,732							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY			0		0		0		0		0		0							
TOTAL			20,381		7,165		28,841		18,000		30,906		50,732							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FTA SUMMARY																				
STATEWIDE		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	
C&C OF HONOLULU		1,172,244	405,582	766,662	1,189,835	381,800	808,035	886,751	285,099	601,652	521,489	168,460	353,029	123,188	40,271	82,917	125,790	41,488	84,302	
COUNTY OF HAWAII		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
MAUI, STATE		27,783	5,825	21,958	26,245	4,594	21,651	34,751	11,531	23,220	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
COUNTY OF MAUI		4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	
COUNTY OF KAUAI		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
FTA TOTAL		1,211,432	418,232	793,200	1,227,840	393,431	834,409	933,622	303,882	629,740	598,429	195,092	403,337	180,332	77,987	102,345	222,720	79,953	142,767	

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Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA SUMMARY																				
STATEWIDE		42,007	10,355	31,652	48,572	12,887	35,685	37,403	6,331	31,072	40,945	6,745	34,200	39,585	6,347	33,238	37,245	5,885	31,360	
Oahu - State		142,968	73,307	69,661	147,962	84,201	63,761	162,241	65,586	96,655	97,670	71,856	25,814	92,956	75,221	17,735	118,644	69,912	48,732	
City and County of Honolulu		30,468	17,000	13,468	36,157	17,000	19,157	30,406	17,000	13,406	34,163	17,000	17,163	55,324	19,729	35,595	55,223	19,729	35,494	
ISLAND OF OAHU		173,436	90,307	83,129	184,119	101,201	82,918	192,647	82,586	110,061	131,833	88,856	42,977	148,280	94,950	53,330	173,867	89,641	84,226	
Hawaii - State		53,376	25,393	27,983	20,903	12,574	8,329	24,349	6,460	17,889	96,290	13,424	82,866	58,869	62,495	(3,626)	42,289	42,439	(150)	
County of Hawaii		18,400	14,720	3,680	22,850	10,984	11,866	12,400	13,240	(840)	18,830	10,144	8,686	0	9,920	(9,920)	12,600	10,080	2,520	
ISLAND OF HAWAII		71,776	40,113	31,663	43,753	23,558	20,195	36,749	19,700	17,049	115,120	23,568	91,552	58,869	72,415	(13,546)	54,889	52,519	2,370	
Maui - State		27,783	5,825	21,958	26,245	4,594	21,651	34,751	11,531	23,220	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
County of Maui		11,273	6,735	4,538	21,465	14,355	7,110	21,810	15,414	6,396	13,576	9,808	3,768	31,686	24,148	7,538	32,504	24,531	7,973	
ISLAND OF MAUI		39,056	12,560	26,496	47,710	18,949	28,761	56,561	26,945	29,616	78,025	28,967	49,058	75,955	54,163	21,792	116,163	55,058	61,105	
Kauai - State		28,246	12,991	15,255	14,044	1,635	12,409	42,639	19,791	22,848	21,994	7,215	14,779	32,914	17,231	15,683	50,459	24,167	25,692	
County of Kauai		8,675	7,390	1,285	6,315	5,530	785	12,740	9,050	3,690	11,400	10,785	615	14,075	13,675	400	26,590	26,565	25	
ISLAND OF KAUAI		36,921	20,381	16,540	20,359	7,165	13,194	55,379	28,841	26,538	33,394	18,000	15,394	46,989	30,906	16,083	77,049	50,732	25,717	
FHWA TOTAL		363,196	173,716	189,480	344,513	163,760	180,753	378,739	164,403	214,336	399,317	166,136	233,181	369,678	258,781	110,897	459,213	253,835	204,778	

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			70,933			85,064			84,038			99,249			129,022			112,789		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			3,850			15,354			0			6,085			13,459			29,585		
STP FLEXIBLE			81,265			58,069			68,310			56,147			112,659			106,970		
SECTION 1404 - (Safe Routes to School)			1,300			1,500			1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			10,607			1,194			9,194			1,694			630			3,030		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			1,118			0			0			800			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			265			265			265			265			265			265		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
IMD (NHPP Discretionary)			4,300			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			173,716			163,760			164,403			166,136			258,781			253,835		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)			(1,383)			(265)			(265)			(1,065)			(265)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY			169,151			162,377			164,138			165,871			257,716			253,570		